

usefulness mediocre. Tree: productive annual cropping; fruits drop as they ripen; fire blight susceptibility rating 7. Late attractive, red.

The following were developed by Robert Kimball, Littleton, Massachusetts, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589122. *Malus domestica* Borkh.

Kimball McIntosh 2-4-4-4. Pedigree - Mc Intosh bud mutation. Comments:: Fruit: large; a periclinal chimera 2-4-4-4.

The following were developed by James Evans, Geeveston, Tasmania, Australia. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589123. *Malus domestica* Borkh.

Geeveston Fanny. Pedigree - Unknown: discovered before 1880. Comments:: Fruit: size small, 50-75 mm; skin 70-90% red, color pattern blush, shape round-oblate; flesh firm, cream-colored; flavor subacid to sweet; eating quality less than fair; harvest season early October, one wk before Delicious. Tree: productive; extremely biennial cropping. Small, red, mid- season, biennial. PI received from Knuthenborg, Denmark in 1952. Cider.

The following were developed by J.A. McClintock. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589124. *Malus domestica* Borkh.

McClintock Grimes. Pedigree - Large-fruited mutation of Grimes Golden. Comments:: Fruit: indistinguishable from Grimes Golden, except size much larger, 85-100mm; severe bitter pid. Tree: productive. Periclinal Diploid-tetraploid chromosomal chimera, type 2 (2-2-4-4) identified by J. Einset. Large-fruited Grimes Golden.

The following were developed by D. Sergeant. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589125. *Malus domestica* Borkh.

Sergeant Russet Golden Delicious. Collected in Unknown. Sodus, New York, United States. Pedigree - Whole-tree, russet fruit mutation of Golden Delicious; discovered 1964. Comments:: Fruit and tree indistinguishable from Golden Delicious, except 50-90% fruit surface russeted with occasional non- russeted sector. Russet Golden Delicious. R.D. Way, 1993.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589126. *Malus domestica* Borkh.

Golden Nugget.

The following were developed by John Potter, Director, Nat. Fruit Trials,